

ABSTRACT

Disclosed are a printing process employing a printing press comprising a plate cylinder and a blanket cylinder, and employing a first printing plate material and a second printing plate material each material comprising a hydrophilic support and provided thereon, an image formation layer, the image formation layer at non-image portions being capable of being removed with dampening water or printing ink, the process comprising the steps of (a) mounting the first printing plate material on the plate cylinder; (b) carrying out printing by supplying dampening water and printing ink to the first printing plate material, (c) then washing the surface of the blanket cylinder with a cleaning solution; d) drying the washed surface of the blanket cylinder; (e) dismounting the first printing plate material from the plate cylinder; (f) mounting the second printing plate material on the plate cylinder, and (g) carrying out printing after the step (d).